

AS

Notice of Allowability	Application No.	Applicant(s)	
	10/035,726	JAFFER ET AL.	
	Examiner	Art Unit	
	Joseph S. Del Sole	1722	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the response of 12/19/03 and the interview of 2/23/04.
2. ☒ The allowed claim(s) is/are 10-17.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☒ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>2/23/04</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

Art Unit: 1722

EXAMINER'S AMENDMENT

1. An extension of time under 37 CFR 1.136(a) is required in order to make an examiner's amendment which places this application in condition for allowance. During a telephone conversation conducted on 2/23/04, Mr. Larry Huston requested an extension of time for 1 MONTH(S) and authorized the Director to charge Deposit Account No. 16-2480 the required fee of \$110.00 for this extension and authorized the following examiner's amendment. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

replace the claims with the following claim listing:

Claims 1-9 (cancelled)

Claim 10. (Currently amended) A die for extruding flowable material therethrough in a longitudinal direction, said die further comprising a die outlet for expelling said flowable material from said die, said die having a cavity longitudinally connecting said first die inlet and said die outlet, said first die inlet and said second die inlet being spaced apart from each other, and an insert tube extending from said auxiliary inlet to said die cavity, said insert tube being substantially transparent to the transmission of energy therethrough, ~~admitting energy to said die cavity, without admitting additional~~ and further being impervious to the admission of material to said die cavity.

Art Unit: 1722

Claim 11. (Original) A die according to claim 10 comprising a plurality of insert tubes, each said insert tube having a distal end, said distal ends of said insert tubes being staggered in said longitudinal direction.

12. (Original) A die according to claim 10 having a cross direction orthogonal to said longitudinal direction and a plurality of insert tubes, each said insert tube having a distal end, said distal ends of said insert tubes being staggered in said cross direction.

13. (Currently amended) A die according to claim 10 for extruding flowable material therethrough in the longitudinal direction, said die having a die inlet for admitting flowable material into said die, said die further comprising a die outlet for expelling flowable material from said die, said die having a cavity longitudinally connecting said die inlet and said die outlet, said die having an insert tube extending into said die cavity, wherein said insert tube has a window, said window being substantially transparent to the transmission of energy therethrough.

Claim 14, (Previously presented) A die according to claim 13 wherein substantially said entire insert tube is substantially transparent to the transmission of energy therethrough.

Claim 15. (Original) A die according to claim 12 further comprising a static mixer disposed in said die cavity and directing flow of material in said cavity of said die in at least said cross direction.

Claim 16. (Previously presented) A die according to claim 15 wherein said static mixer comprises a plurality of bars, each said bar comprising an insert tube for admitting energy, material or both to said cavity of said die.

Art Unit: 1722

Claim 17. (Original) A die according to claim 16 wherein said bar admits actinic radiation to said cavity of said die.

2. In order to avoid abandonment of the application, applicant must make the drawing changes as set forth by the attached Draftsperson's Drawing Review.

Correspondence

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Joseph S. Del Sole whose telephone number is (571) 272-1130. The examiner can normally be reached on Monday through Friday from 8:30 A.M. to 5:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ms. Wanda Walker, can be reached at (571) 272-1151. The official fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306 for both non-after finals and for after finals.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from the either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on the access to the Private PAIR system, contact the Electronic Business Center (EBC) at 886-217-9197 (toll-free).

Joseph S. Del Sole

J.S.D.

February 23, 2004



ROBERT DAVIS
PRIMARY EXAMINER
GROUP 1800 *1722*

2/27/04